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Maine Perspective

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Maine Perspective

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NOVEMBER 9, 1990

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In Perspective



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When Labor Was a Requirement page 7

Student Government Cites Budget Cuts, Social Events as Concerns

Editor's Note: The following questions were submitted by Maine Perspective to the University of Maine Student Government President Chad Crabtree as the first of a two-part series. Next week: the University of Maine Association of Graduate Students.

Q: What are the major issues facing Student Government this academic year?

A: Although there are many issues facing Student Government this year, I would have to say the two most pressing issues are the budget cuts to the University of Maine System and the lack of social events on campus.

The budget cuts to the University of Maine have hurt our campus greatly and any further cuts could greatly affect the academic integrity of our University. UMOGS (University of Maine Organization of Student Governments) believes this and is actively working to keep the University of Maine System from having to go through another round of damaging cuts. Currently UMOGS is circulating a petition on five different University of Maine campuses to express concern about any further cuts to the University of Maine System.

The lack of social events on campus for students has been a problem for a long time. About four years ago, the University of Maine was ranked by a popular national magazine as one of the 10 best party schools in the country. Since then the University of Maine has been actively working to change that image by cracking down on fraternities and setting up policies on campus that led to the demise of the Bear's Den as a social spot on campus. The lack of social events on campus directly led to police/student problems in Orono last semester with more students going off campus to socialize. Student Government has responded this year by: 1. getting almost \$80,000 in extra funds for student activities, 2. trying to change the restrictive

party policies put on fraternities, and, 3. reviving the Bear's Den as the place to be on the weekend.

Q: What are your major goals/objectives for the coming year?

A: When I was first elected President of Student Government, my first goal was to strengthen a weak Student Government. Now that we have accomplished that, my goal is to make Student Government a more effective organization.

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Top Engineering Awards Presented

The University of Maine College of Engineering and Science presented some of its top annual awards to faculty, students and an alumnus during its 11th annual Recognition Banquet last month.

Among those honored with awards were:

John Alexander, chair and professor, Department of Civil Engineering, recipient of the Ashley S. Campbell Award for his outstanding contribution to the education and development of civil engineering students. Alexander has long been recognized by students for his contributions to their educations with the presentation of the Outstanding Civil Engineering Professor Award, 1979, and the Maine Distinguished Professor Award, 1985.

Scott Bell, graduate student, Department of Civil Engineering, recipient of the Graduate Teaching Assistant Award for contributions to the Department and his exemplary performance as a teaching assistant in the required undergraduate hydraulics course.

Bruce Coles, who received his bachelor's degree and master's degree at UM in 1966 and 1968 respectively, now president and

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Student Government *continued from page 1*

My first objective in meeting this goal is to set up a Judicial Branch of Student Government. The Judicial Branch would be in charge of election complaints, constitutional interpretations, and disciplining student. My second objective would be to set up a Programming Council in Student Government. Currently we have many different groups programming activities for students and it would be a tremendous asset if we had one group to coordinate all of our activity programming. My last objective would be to get back together with the Association of Graduate Students. There is no reason why we need separate Graduate and Undergraduate Student Governments at the University of Maine. Being separate hurts and weakens both organizations.

Q: How have the budget cuts affected the students?

A: Students have been affected by the budget cuts in many different ways. Due to the cut in faculty, classes this semester are much larger than they have been in the past. Many students have also had classes dropped that they were signed up for and have been unable to get into alternative courses due to large waiting lists. Students living in residence halls have also felt the cuts with many feeling that the cut in staff has lowered the quality of cleaning in their halls. Students are also feeling the financial pinch with tuition, room and board, and fees being increased.

Q: What is the role of Student Government and how does it continue to make a difference to students at the University of Maine?

A: Student Government has two main roles. The first is to represent the student body. We represent the students on everything from parking problems on campus to the budget cutbacks statewide. My job as President is to run the Student Government organization (budget of about \$400,000) and to represent the student body to the Administration, local and state government and the media. The backbone of Student Government is the General Student Senate which consists of 55 elected senators who serve as the student body's voice. The second role of Student Government is to program almost all activities on

campus. The activities include major concerts, bands, dances, comedians, movies and guest speakers. The Boards of Student Government are responsible for scheduling most of our activities.

Q: What recommendations does Student Government have for improving the University for students?

A: I have two suggestions I would like to make. The first deals with the Administration. During the recent budget cuts, I felt the Administration could have looked at more cuts for itself. Although almost 200 faculty and staff were let go during the cuts, no top-level administrators were let go. Currently there is a great deal of overlapping responsibilities at all levels of the Administration. Some of these overlapping responsibilities could have been eliminated by merging several similar units under one vice president as opposed to two or three vice

presidents. This would have enabled them to get as much work done, possibly more, with better efficiency and at a lower cost.

My second recommendation has to do with the "publish or perish" problem. It seems that way too much emphasis is put on research when it comes to faculty promotion and it shows with the professors. The message that the faculty feels is that, if are a bad teacher but you do a great deal of research, you will be tenured. On the other hand, if you are a great teacher but spend little time on research, you will be lucky to have a job next year. There is a serious problem here because professors that work hard at teaching and helping students receive little to no credit for their work. We need to at least find a way to reward these professors whose top concern is students, and possibly rethink our "publish or perish" policy.

Engineering Awards *continued from page 1*

director of Stone & Webster with main offices in New York City, recipient of the Distinguished Engineering Award for his outstanding contributions to construction and engineering management. Coles lives in Princeton, N.J.

Habib Dagher, assistant professor of civil engineering, recipient of the Award for Outstanding Accomplishment in Research by Young Faculty, in recognition of his contributions in research since joining the faculty in 1985. His broad research interests are indicated by his current support on 10 projects by 10 different sponsors, including the National Science Foundation, Electric Power Research Institute, and the U.S. Departments of Transportation, Commerce, and Agriculture. He currently is spearheading a multimillion dollar proposed timber bridge and infrastructure project, sponsored for Congressional support by Sen. George Mitchell and Sen. William Cohen.

Dana Humphrey, assistant professor of civil engineering, recipient of the Award for Outstanding Accomplishment in Teaching by Young Faculty, in recognition of his contributions in teaching engineering since joining the faculty in 1986. As an indication of their esteem for Humphrey, civil engineering students voted him Civil Engineering Professor of

the Year in two of his four years at UM.

Rosemary Lamountain, administrative assistant, recipient of the Leila C. Lowell Award in recognition of her dedication to the University and her tireless, spirited and unselfish devotion to faculty and students in the School of Engineering Technology.

Maine Perspective

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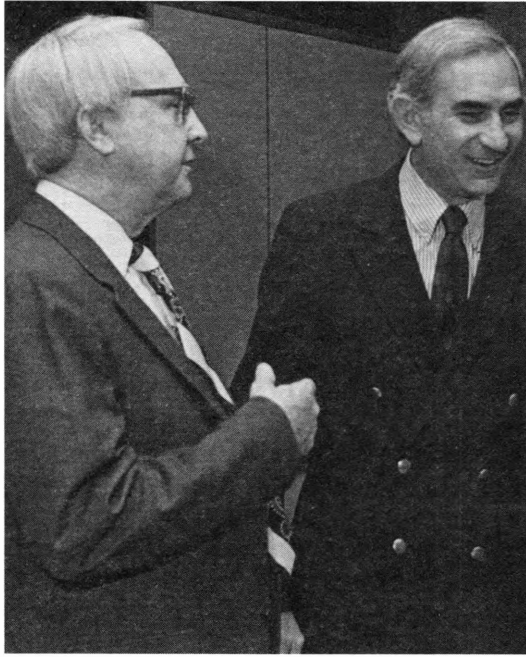
James MacCampbell

1916-1990

University of Maine Professor of Education,
1976-82

University of Maine Librarian, 1962-82
Director of the Margaret Chase Smith Library,
Skowhegan, 1980-87

Photos, clockwise from left, MacCampbell as he joined the UM faculty; MacCampbell in 1967; MacCampbell with Sen. Margaret Chase Smith attending the University of Maine tribute in her honor, 1988; MacCampbell, left, with former UM President Paul Silverman



It's Classified

The focus of this column will be topics of interest to classified employees. Questions and/or suggestions for future columns may be addressed to: Kathleen Gaede, 123 East Annex.

Who should I call in the Personnel Office when I have questions?

There are many people who can help you. If you have a question about a classified contract (Service and Maintenance, Police, COLT), Liz Trefethen, x2366 or George Lovett, x1581, can help explain any article you need clarified.

Payroll Manager is Margaret MacLeod, x3730, and she can advise you on taxes and tax shelters. To call Classified Payroll, dial x3710 for Carol Curtis.

For matters relating to rehabilitation

services, Mary Knowlton, x2368 should be called. Questions about employee injuries and workers compensation should be addressed to her.

The Employee Health Office is sponsoring varied activities. CPR certification, personalized exercise, stop smoking and Weight Watchers at Work are examples of current programs you may have questioned about. Call Betsy Allin, x2367, for information. All employees should call Mavis Hussey, x2361, for questions about benefits such as health insurance.

Pauline Burns, x2366, can be contacted for information about the temporary personnel pool.

If you have questions about position reviews (desk audits) call Liz Trefethen,

x2366. Liz can also answer questions regarding staff training.

If you have questions about classified hiring procedures or transfers, call Kathleen Gaede, x2362. If you wish to make an appointment to see your personnel file, call x2362.

The contact person for Human Resources is Diane King, x1581. She can connect you with the appropriate person if you are unsure of the proper contact. The contact person for Personnel Services is Cathy DeGrasse, x2362; she can connect you to the appropriate office.

**Along the Mall, Publications
and Campus Notes
Deadline: 9 a.m. Monday**



Campus Notes

A Retirement and Investment Seminar, offered by Credit Union Financial Services, an affiliate of the UM Credit Union, will be held 4:30 p.m., Nov. 13, at the Credit Union. The seminar will include strategies to maximize pension income, tax and estate planning, managing conservative investments, tax reduction, long-term care insurance; IRAs and pension fund programs. Seminars are free; pre-registration suggested. For more information, call Sandra Connors, x1459 or 1-800-992-UMCU.

The Credit Union will be closed for business Nov. 12 to observe Veteran's Day, and closed Nov. 22-23 to observe Thanksgiving. The drive-up will reopen for business 7 a.m., lobby at 9 a.m. Nov. 13 and Nov. 26.

Edward Holmes, UM professor emeritus, will read from Mostly Maine and his other short story collections at Bookmarc's, Harlow St., Bangor, 2 p.m., Nov. 18. After the reading, a short question and answer period will follow. The reading is sponsored by the Penobscot Valley Writers Group. For more information, call 942-6781.

The Classified Employees Scholarship Committee will be considering applications for spring awards. If you would like to receive an application, contact Debbie Perro, 215 Stevens Hall. Applications are due Jan. 15.

The Academic Affairs Office is coordinating production of a group holiday greeting card which will also serve as a vehicle to support the University's scholarship fund. The card will be produced by CIT and will bear holiday greetings to University colleagues along with a message explaining that the donors listed in the card elected to make donations to the scholarship fund in lieu of sending personal holiday cards. The card will be mailed to all University faculty and staff during the first week of December. Last year, \$1,340 were raised through a similar effort. With everyone's help that amount can be greatly increased. Those who would like to participate in this

year's effort are invited to send contributions, payable to the University of Maine, to the Academic Affairs Office, 209 Alumni Hall. To assure inclusion in the card's donor listing, checks must be received by the close of business, Nov. 15. Checks received too late for inclusion of names in the card will be returned. Include spelling of names as you want them printed (e.g. Susan and Jack Adams).

Are You a Smoker? Thinking About Quitting? Nicotine is addicting and it is not easy for most people to quit smoking tobacco. Furthermore, what works best for one person may not work for another. But deciding to quit smoking can be one of the most important decisions you'll ever make. How do you know when you're ready to quit? How can you help a friend or relative who is thinking about quitting? Come to this informal brown bag session for employees and students Nov. 15, "The Great American Smokeout Day," noon-1 p.m., 1912 Room, Union. Join Employee Health Manager Betsy Allin, the Student Health Center's Health Educator Nancy Price, and the Director of Substance Abuse Services Robert Dana, for a discussion of the benefits of stopping smoking. This is a chance for you to get information that will help you as you think about quitting, to ask questions and to share concerns. You will not be asked to make a decision about your smoking at this time. We will provide support for you as you think about quitting and, if you do decide to quit, programs and services to help you through the actual process. Most people try to quit several times before they are successful. If you've tried before, consider this as a valuable experience and consider putting your past to work for you. For more information, call the Employee Health Office, x2367, or the Preventive Medicine Program, Cutler Health Center, x4196.

All Faculty, Staff and Commuter Parking Areas are closed to overnight parking 12:01-6 a.m., Nov. 1-May 1. Vehicles so parked will be subject to towing at the owner's expense.

Surplus Sale: The University of Maine offers for sale on an as-is, where-is basis the following: (2) MICRO COMPUTERS, PC Design 8088 (IBM clone), \$450 each; (2) IBM 3101 TERMINALS, \$75 each; (1) LARGE WOODEN BOOKCASE, 6'W x 8'H, w/moveable shelves, \$25 (DEPTS ONLY); (1) METAL DESK & TYPEWRITER STAND, FREE (DEPTS ONLY); (10 Kilos) POTASSIUM HYDROXIDE, FREE; (1) KONICA 1290 COPIER, \$500; (1) XEROX 1035 COPIER, \$500; (1) STARWRITER FX-10 PRINTER, letter quality, w/sound hood, \$200; (1) ENVIRONMENTAL CHAMBER, FREE; (5) COPYHOLDERS, \$1 ea.; (5) DESK CALENDAR HOLDERS, \$1ea.; (24) TWISTED PAIR ADAPTERS, \$20 ea.; (39 pk) USED DISKETTES, 5 1/4" & 8", \$2.50 pk; (10) DAISYWHEEL STORAGE CASES, \$3 ea.; (2) WANG PC KEYBOARD LOCKS, \$15 ea.; (13) USED DATA CARTRIDGES, 450', \$7.50, 650' \$10; (12) WAND LPS-8 FONT CARTRIDGES, 8 different types, \$45 ea.; (3) SYSTEM POWER CONDITIONERS, \$20 & \$30; (15) WANG METAL PRINTWHEELS, 8 different types, \$5 ea.; (1) RISOGRAPH 2700 COPIER, \$3500; (1) ZENITH MODEM, 1200 baud Supersport, \$50; (1) DICONIX 150 PRINTER, portable, \$200; (1) MINISCRIBE HARD DRIVE, 71 MB, w/ controller card, \$500; (10 GAL.) FREON, \$10 per gallon; (4) MICROSOFT SOFTWARE, never used, (2) HDC WINDOWS EXPRESS, (2) HDC WINDOWS MANAGER, \$5 EACH; (1) METAL DESK, five drawer w/built-in typing attachment, \$50, (DEPTS ONLY); (1) CANON NP300F COPIER, \$200; (1) CDC WREN V 94186 DISK DRIVE, 300 meg, new - never used, \$7500; (1) IBM RT 130 COMPUTER, fully loaded - 16 Mb memory, 310 Mb hard disk, 16" color monitor, software and more, \$5500; (1) STREAMING TAPE DRIVE, 60 Mb cartridges, \$1500; (1) MULTICHANNEL ANALYZER, EG&G ORTEC 4000, for nuclear or X-ray spectroscopy, \$950; (1) X-RAY DETECTOR, EG&G ORTEC, w/pre-amp and dewar, \$1500; (1) HI-PERFORMANCE AMPLIFIER, EG&G ORTEC, used in spectroscopy, \$450; \$50; (1) TEKTRONIX 4006-1 GRAPHICS TERMINAL, \$100. Off-campus inquires are welcome. Items usually sell for the prices specified, however, lower offers are sometimes considered. For more information call Ron Logan, Purchasing, x2692.

UM Calendar

November 12-26

All events are free and open to the public unless otherwise specified. Any speaker not otherwise identified is a member of the University of Maine faculty, staff or student body. Send notices of upcoming campus events to:

Maine Perspective Calendar
Public Affairs.

Calendar of events listings **MUST** be typewritten and should be sent **AT LEAST TWO WEEKS** in advance.

Deadline for each issue: 9 a.m. Friday

For more information, call x3745.

LAST-MINUTE NOTES:

"Production and Scavenging of Active Oxygen in Chloroplasts," a special Department of Zoology Seminar by Kozi Asada, Research Institute for Food Science, University of Kyoto, Japan, 12:10 p.m., Nov. 9, 106 Murray Hall. x2540.

Public Meeting, Called by Commission to Assess the Impact of Increased State Spending on the University of Maine System, 1-3:30 p.m., Nov. 9, 101 Bangor Hall, Bangor Campus. 289-1635.

12 Monday

"Double Indemnity," a No Popcorn Cinema presentation, noon, Nov. 12, Sutton Lounge, Union. x1734.



Monday Jazz, with the Trombone Quintet, 12:15 p.m., Nov. 12, Bangor Lounge, Union. x1734.

General Bug Hospital, Episode 7: "Microbial Control of Black Flies and Mosquitoes," an Entomology Fall Seminar by Marcia Borthwick, 3:10 p.m., Nov. 12, 311 Deering Hall. x2957.

13 Tuesday

"Casablanca," a No Popcorn Cinema presentation, noon, Nov. 13, Sutton Lounge, Union. x1734.

"Changes in Distribution and Abundance Patterns of Vesper Sparrows in the United States, 1985-1989," part of the Wildlife seminar series, by Jeff Price, Ph.D. candidate, Wildlife Department, Wayne State University, noon, Nov. 13, 204 Nutting Hall. x2863.



"Fractal Geometry and Chaos Theory: Their Application in the Earth Sciences," a Department of Geological Sciences Lecture by Christopher Barton, research geologist, U.S. Geological Survey and 1990-91 American Association of Petroleum Geologists Distinguished Lecturer, 4 p.m., Nov. 13, 140 Little Hall. x2153.

Retirement and Investment Seminar by Credit Union Financial Services, 4:30 p.m., Nov. 13, University of Maine Credit Union. x1459.

"Sarafina!" Broadway musical celebration of South African students' rebellion against apartheid, 7 p.m., Nov. 13, Hutchins Concert Hall. x1755.

Fall Induction Ceremony, College of Education Honor Society, Kappa Delta Pi, 7 p.m., Nov. 13, Damn Yankee. x2441.

14 Wednesday

"Sleeper," a No Popcorn Cinema presentation, noon, Nov. 14, Sutton Lounge, Union. x1734.

Films: "Summer of the Loucheaux: Portrait of a Northern Indian Family," and **"Sinumwak,"** part of "Through Native Eyes: A Native American Film Series," 12:10 p.m.; 4:30 p.m. showing followed by commentary by James Achesson, Nov. 14, Bodwell Dining Area, Maine Center for the Arts. x1901.

"The Status of Women at the University of Maine: The View From the Outside," a panel discussion, part of the Women in the Curriculum Lunch Series, 12:15 p.m., Nov. 14, Bangor Lounges, Union. x1228.

Women's Center Meeting, 3 p.m., Nov. 14, South Bangor Lounge, Union. x1656.

General Bug Hospital, Episode 8: "Does It Hurt or Doesn't It? Nematode Associations With Insects," an Entomology Fall Seminar by Sandra Zervos, Simmon Frazer University, 3:10 p.m., Nov. 14, 311 Deering Hall. x2957.

"Using Distributions to Solve Some Differential Equations," a Mathematics Department Seminar by graduate student Francois Ollivary, 3:10 p.m., Nov. 14, 421 Neville Hall. x3901.

"The Maine Indian Community Since the Land Claims Settlement," part of the Multicultural Series, by Wayne Newell, assistant principal, Indian Township School, 3:30 p.m., Nov. 14, Sutton Lounge, Union. x1417.

14 Wednesday

Movie: "Blue Steel," 7 p.m. and 9 p.m., Nov. 14, 130 Little Hall. x1731.

15 Thursday

Oxfam Fast, Nov. 15. 866-2155.

Secretarial Administration: Improving Your Team Skills, a Management Programs seminar by Francine Sulinski, training consultant, 9 a.m.-4 p.m., Nov. 15, Hilltop Conference Room. Admission. x4092.

Association of Graduate Students Meeting, noon-1 p.m., Nov. 15, Lown Rooms, Union.

"New Age - Low Wage: Poverty Still Wears a Skirt," part of the Socialist and Marxist Luncheon series, by Ilze Petersons and Displaced Homemakers Project Staff, 12:20 p.m., Nov. 15, Sutton Lounge, Union. x3860.

Education Day in Canada Week Program, emphasizing the values of Canadian studies in U.S. school curricula, including a panel discussion on: "Yes, We Are Teaching About Canada!" 3:15 p.m., Nov. 15, Bodwell Dining Area, Maine Center for the Arts. x4225.

ONGOING

Certificate in Management: Fundamentals of Personnel Management, a Management Programs evening course by Margaret Beckman, personnel director, Training and Development Corp., Wednesdays, 6-9 p.m., Nov. 14, Nov. 18, Dec. 5-19, 130 Barrows Hall. Admission. x4092.

"Talley's Folly," a Theatre/Dance Department Performance, last year's Colbath Directing Award winner, 8 p.m., Nov. 15-17, and 2 p.m., Nov. 18, Pavilion Theatre. Admission (students free with ID). x1755.

"Life Beyond Earth," a Planetarium show, every Friday evening through Nov. 16, Wingate Hall. Admission. x1341.

Women's Basketball, Downeast Classic with Richmond, University of New Orleans, Cornell, 1 p.m./3 p.m., Nov. 23-24.

1990 Annual Faculty Exhibition, University of Maine Museum of Art exhibition featuring work of UM Art Department faculty, Nov. 26-Dec. 21. x3255.

Wilson Center Worship and Celebration, 5 p.m., every Sunday, followed by a light supper, Wilson Center, 67 College Ave. 866-4227.

Maine Peace Action Committee (MPAC) Meeting, 4-5:30 p.m., every Tuesday, Virtue Room, The Maples. x3860.

"The Spiritual in the Everyday - Journal Writing for Women," 7-8:30 p.m., every Tuesday, Wilson Center, 67 College Ave. 866-4227.

Yoga and Meditation, 7:30-8:30 a.m., every Thursday, Wilson Center, 67 College Ave. 866-4227.

Orono Campus Ministries Bible Study, noon, every Thursday, Stodder Private Dining Room. 866-4227.

Center for Noetic Studies meets 9 a.m., the third Saturday of every month, Sutton Lounge, Union.

International Coffee Hour, every Friday, 4:30 p.m., Bangor Lounge, Union. x1825.

International Affairs Club Meeting, every Sunday, 7 p.m., Sutton Lounge, Union.

Foreign Language Brown Bag Lunch Tables: French-Monday; Russian-Tuesday; German-Wednesday; and Spanish-Thursday. Interested people are encouraged to bring brown bag lunches. All tables will be held in 207 Little Hall, noon-1 p.m. x2073.

UM Ca

"Do Wetland Plants Oxygenate Their Root Environment?" a Department of Botany and Plant Pathology Seminar by Barbara Bedford, Department of Ecology and Systematics, Cornell University, 4:10 p.m., Nov. 15, 113 Deering Hall. x2970.



"Double Indemnity," a No Popcorn Cinema presentation, 7 p.m., Nov. 15, Commuter/NTS Lounge, Union. x1734.

Movie: "Blue Steel," 7 p.m. and 9 p.m., Nov. 15, 130 Little Hall. x1731.

Performance by the 20th Century Music Ensemble, 8 p.m., Nov. 15, Hutchins Concert Hall. x1240.

16 Friday

Creativity and Innovation: A Guide to Organizational Innovation, a Management Programs seminar by Frank Roach, human resource management consultant, 9 a.m.-4 p.m., Nov. 16, Hilltop Conference Room. x4092.

"Comparison of Continuous Grazing Management and Voisin Rational Management on Land with Poor Drainage," an oral exam by Rae Rowell, candidate for Master of Science degree in AVA, 11 a.m., Nov. 16, Rogers Hall.

"The Effects of Reproduction Success of Family Contribution in the American Oyster *Crassostrea virginica*," an Animal and Veterinary Science Seminar by Ruan Hangming, 1:10 p.m., Nov. 16, 124 Hitchner Hall. x2768.

endar

"The Effect of Bovine Somatotropia on the Optimal Nutrient Combination for Dairy Cows," an oral exam by Patrick Berends, candidate for Master of Science, Agricultural and Resource Economics, 1:30 p.m., Nov. 16, 202 Winslow Hall.

"Harmonic Analysis, Geometry and the Wave Equation," a Physics Department colloquium by William Bray, 3:10 p.m., Nov. 16, 140 Bennett Hall. x1019.

"BioLOGICAL Thinking," a Zoology Department Seminar by Ian Ball, Memorial University of Newfoundland, 3:10 p.m., Nov. 16, 102 Murray Hall. x2546.

Cooperative Education Advisory Committee Meeting, 3:30-4:45 p.m., Nov. 16, 204 Nutting Hall. x1344.

"Casablanca," a No Popcorn Cinema presentation, 7 p.m., Nov. 16, Commuter/NTS Lounge, Union. x1734.

Ice Hockey with Alaska-Anchorage, 7 p.m., Nov. 16.

Performance by the Collegiate Chorale and University Brass Ensemble, 8 p.m., Nov. 16, Hauck Auditorium. x1240.

Jazz Concert by Spyro Gyra with Acoustic Alchemy, 8 p.m., Nov. 16, Hutchins Concert Hall. Admission. x1755.

17 Saturday

"Traditional Culture in the Classroom," a workshop for teachers of all grade levels featuring the use of folklore, oral history and the traditional arts in the classroom, 8:30 a.m.-3:30 p.m., Nov. 17, 202 Shibles Hall. Admission. For registration information, x4092.

"Sleeper," a No Popcorn Cinema presentation, 7 p.m., Nov. 17, Commuter/NTS Lounge, Union. x1734.

Ice Hockey with Alaska-Anchorage, 7 p.m., Nov. 17.

"Live From the Union: It's Saturday Night" series featuring local talent, 9 p.m., Nov. 17, Bear's Den. x1734.

19 Monday

"East of Eden," a No Popcorn Cinema presentation, noon, Nov. 19, Sutton Lounge, Union. x1734.



Monday Jazz with the Salsa Band, 12:20 p.m., Nov. 19, Bangor Lounge, Union. x1734.

General Bug Hospital, Episode 9: "Development and Commercialization of Entomopathogens for Insect Control," an Entomology Fall Seminar by David Miller, Ecoscience, Amherst, Mass., 3:10 p.m., Nov. 19, 311 Deering Hall. x2957.

Performance by the Percussion Ensemble, 8 p.m., Nov. 19, Neville Hall. x1240.

20 Tuesday

"The Maltese Falcon," a No Popcorn Cinema presentation, noon, Nov. 20, Sutton Lounge, Union. x1735.



"Population Dynamics of Pacific Walruses," a Wildlife Seminar by Jim Gilbert, noon, Nov. 20, 204 Nutting Hall. x2863.

21 Wednesday

Thanksgiving Recess Begins, 8 a.m., Nov. 21.



23 Friday

Ice Hockey with Northern Michigan, 7 p.m., Nov. 23.

24 Saturday

Ice Hockey with Northern Michigan, 7 p.m., Nov. 24.

25 Friday

Faculty Recital: Diane Harrington Roscetti and Baycka Voronietzky, 3 p.m., Nov. 25, 120 Lord Hall. x1240.

26 Monday

Classes Resume, 8 a.m., Nov. 26.

"A Clockwork Orange," a No Popcorn Cinema presentation, noon, Nov. 26, Sutton Lounge, Union. x1735.

Monday Jazz with the Wednesday Nite Band, 12:15 p.m., Nov. 26, Bangor Lounge, Union. x1735.

General Bug Hospital, Episode 10: "Fighting Back: Insect Immunological Responses to Pathogens," an Entomology Fall Seminar by Tom Dunn, 3:10 p.m., Nov. 26, 311 Deering Hall. x2957.

UM Chamber Orchestra Performs in Spain

The University of Maine Chamber Orchestra, under the direction of Anatole Wieck, UM associate professor of music, returned earlier this fall from a professional engagement in Spain where the ensemble toured from July 29-Aug. 15, performing 13 concerts during that country's summer music festivals.

The 15-member string ensemble, travelling some 2,500 miles in Spain, performed in concert halls, churches, castles and monasteries to capacity audiences, standing-room ovations and good reviews. The orchestra performed in a variety of Spanish regions from Palencia in Castile to Valencia on the Mediterranean coast, from the foothills of the Pyrenees to the walled towns of Aragon, to Andalusia's Sanlucar de Barrameda where Columbus recruited sailors for his journeys of discovery.

The tour ended in Madrid where the UM orchestra played two concerts in the garden of the Centro Cultural Galileo, organized by the municipality of Madrid, which every summer brings concerts and entertainment to its citizens. Luciano Pavarotti, Madonna and Prince performed in Madrid this summer and were featured in the same brochure along-side the University of Maine Chamber Orchestra. This was a thrill to the UM orchestra players made up of graduate and undergraduate students, and alumni.

The ensemble also performed on Spanish television to an estimated audience of 7 million in a cultural program called El Mirador.

The orchestra was invited to perform in Spain by Musidon, a musical management company that bore the expenses of the ensemble while it was in Spain. The UM Patrons of the Arts, Spanish organizations and several individuals provided funds for the transatlantic portion of the trip. Preparations for the tour began in the spring 1989, and the total cost of the tour came to \$50,000. Less than 3 percent of this amount came from the University of Maine.

The UM Chamber Orchestra performed next to professional ensembles of high caliber such as the Peking Opera of China, the Rubinstein Sinfonietta of



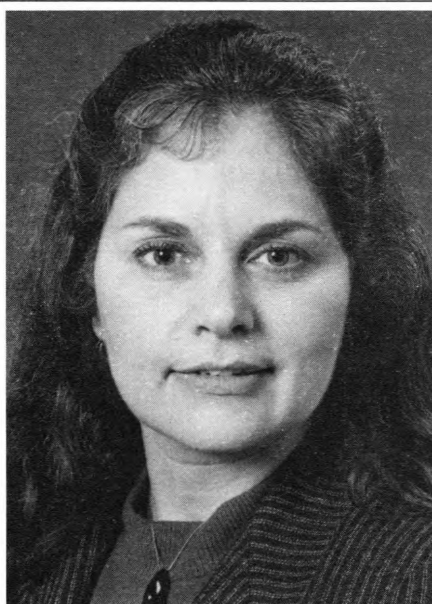
The University of Maine Chamber Orchestra rehearses outdoors in Graus, Spain, for an evening concert.

Poland, the Berlin String Quintet, the Bulgarian Sinfonietta and the Camerata Orchestra of Auxerrois, France, and the Hungarian Chamber Orchestra, among others.

The orchestra performed standard pieces from the chamber orchestra

repertory along with American music - Gershwin and Copland - which were premiered in Spain and were received enthusiastically by the local audiences.

The tour would not have been possible if President Lick had not committed funds to increase scholarships.



Barbara Franklin

The 100-member University of Maine Collegiate Chorale, under the direction of UM graduate student Barbara Franklin, will appear in its first performance of the semester Nov. 16, joined by the University Brass Ensemble, led by UM Band Director Fred Heath. Franklin, a high school choral director for the past 20 years, is on a one-year sabbatical from Mt. Ararat High School, Topsham, where she has been the high school choral director for the past eight years. The free public concert at 8 p.m. in Hauck Auditorium will also feature performances by two new 16- to 20-voice campus groups - the Collegiate Chorale Women's Choir and the Collegiate Chorale Chamber Choir. Soloists for the evening will be Stacy Cruz, Mary Nightingale-Adams, Sherry Bordeau and Aimee Shaw. Pianists will be Cathy Smaha, Anne Melcher and Melanie Manzer; oboist, Geoff Holland; percussionist, Paul Gravelle.

Readers who are concerned that *Maine Perspective* arrives several days after the publishing date due to third-class mailing can now subscribe for \$18. By subscribing, readers will be ensured that the publication is mailed first class.



Waste Not

Naturally, about 15 percent of our municipal solid waste (MSW) is food. In an experiment performed by George Criner and Chet Rock (Agricultural Resource Economics and Civil Engineering Departments, respectively), 36 households from Orono had their trash sorted and it was found that 22 percent of it was food waste.

Last year, Criner and Tom Christensen began an experiment to determine if electricity could be produced from the anaerobic digestion of vegetable waste. The result of his experiment marked the beginning of the Veggie Project.

Anaerobic bacteria, bacteria that exists in the absence of oxygen, are commonly used in the treatment and breakdown of various organic wastes, including human wastes. At the Witter Center, an anaerobic digester is in operation to treat cow manure before it is land-applied for its fertilized value.

Methane, a biogas, is a by-product produced by the bacteria as they consume the manure. Methane was commonly released into the atmosphere where it had a damaging affect on the ozone, before many facilities like this began to capture and use it for energy. At the farm, the methane fuels a water-cooled six cylinder engine, much like propane would. The engine in turn generates electricity by powering a 24 kilowatt generator that will transform this power into electricity and transfer it to the electrical grid at the farm for use by the facility. Through normal engine operation, the coolant water is heated and piped to the dairy farm's boiler to aid in milk pasteurization. The cooled water is then piped back to the engine to begin the cycle again.

The digester is a 70,000-gallon silo shaped structure that holds the manure and bacteria mix. The manure is continuously fed to the silo from a storage pit beneath the cow barn. From the time that the manure is added to the silo to the time when it has been consumed is approximately 30 days. This continuous feed system enables the engine to run 25 hours a day producing electricity.

The digester is currently under-utilized. In other words, it can handle more

waste than the 132 dairy cows can produce. Adding the veggie waste to the manure served two functions over and above the experimental goals; to better utilize the digester by approaching its maximum capacity, and to serve as a means of reducing the waste that the University sends to PERC, a waste-to-energy incinerator. The residue from the digester, both manure and veggie, is land-applied for its fertilizer value.

When adding the veggie waste to the manure pit, it is first ground up in an industrial-strength food disposal unit (affectionately called the Salad Master) and poured in. Last year's project found that from five dining commons, an average of 2,600 pounds of veggie waste was added to the pit weekly. This year, the Veggie Project will add it its list of contributors the Memorial Union Food Service, Colvin Hall, and the fraternity and sorority Houses. When combined with the dining commons, we estimate our average weekly volume to climb to 4,100 pounds, conservatively.

When all was said and done with Criner's experiment, he found that, after adding the veggie waste to the manure, the net increase in electricity generated was 50 kilowatt hours per day. As our volume of veggie waste increases, we can expect to generate at least 75 kilo-

watt hours per day over that of pure manure. Over a school year, a cost avoidance of about \$.09 per kilowatt hour produced will reduce the farm's electric bill by an additional \$1,417. There are, of course, costs associated with this project: the Salad Master, labor for two work study students each week day to collect and grind up the waste, vehicle operation costs, and miscellaneous equipment and maintenance costs totaling \$1,500 per 30 week school year. This is not much when compared to the benefits of 61.5 tons of waste that will not be disposed of at PERC, and the 15,750 kilowatt hours of electricity that will not be purchased from the utility. Their combined costs avoidance will be \$7,567, with the net being \$6,067! Saving money and creating jobs: The Veggie Project.

Now that the Veggie Project demonstration phase is over, Criner and Edward Huff are planning laboratory-size digesters to experiment with food only. They hope to see what size digester towns of various sizes would need, and what the best gas utilization would be. If you would like more information on the experimental stage of this project, or have work study and you want a job on the Veggie Project, call x2680.



Campus Notes

Indoor Tennis Reservations: Indoor tennis courts can now be reserved in the Fieldhouse, 8 a.m.-1 p.m., Monday-Friday. Two courts are available and can be reserved up to two days in advance. Court reservations free with a recreation

pass, \$2 per court per hour without a pass. The reservation sheet is in the recreational sports equipment issue room, Memorial Gym. You must sign up in person and show your University ID.

Thanksgiving Break Information

- * All residence halls except Estabrooke will close 8 a.m. Nov. 21.
- * York Hall and York Village will be open if enough students plan to stay.
- * Resident students with extenuating circumstances making it impossible for them to leave the University must see their assistant director by noon Nov. 14 to seek permission to stay.
- * The Bear's Den will close 2 p.m. Nov. 21. Fernald Snack Bar and the Damn Yankee will close 2 p.m. Nov. 20.
- * All dining commons will be closed during Thanksgiving Break. Dinner will be served 4-6 p.m., Nov. 25, Wells. Regular meal schedules will resume Nov. 26.



Down on the Maine State Farm

When new colleges were created in response to the Morrill Land Grant College Act, institutions in the eastern part of the United States faced significant opposition as they were competing with established colleges. That was especially true in Maine where Bowdoin mounted a major campaign at first to prevent, and later to limit the scope of the Maine State College. Bates and Colby (Waterville College at the time) were less adamant, but it was not until the first decade of this century that the Maine State College had a strong position of its own.

In the 40 years before that time, trustees, faculty and students in Orono sought ways in which they could separate and distance themselves from the earlier institutions. The curriculum was substantially different. The cost of education was much less. There was no tuition charged at Maine for the first decade. Board and room charges were also low. In the 1870s, the average cost per semester was under \$45 a person, with board set at \$30. In 1887, room rent was charged at \$5 each semester and board costs rose to \$2.60 a week. Two students, graduating in 1895, were able to attend Maine for total costs of \$853 in one case and \$963 in another. These expenses included board, room,

travel, books and all other costs for the four years.

One of the reasons for the low costs was that students and faculty were expected to contribute to the costs of operating the school. The gardens, farm animals and orchards, while being used for experimentation, were also expected to provide income. The college horses, for instance, were rented out each winter to loggers. The early buildings, Chemical Hall (now Fernald), White Hall (the first dormitory, located at approximately the site of Wingate), Coburn and Holmes, all in place by 1887, were designed by faculty, and students and faculty helped build them.

ALL students took as part of their training, courses entitled "Labor." This work ranged from help with the landscaping, delivery of the mail, readying the President's House for winter as well as concentrated work, mostly weeding and harvest, in the gardens and orchards, and other tasks. Each student received three credits a semester, marked with a numerical figure, as the college then operated on a grade scale based in percentage.

A large brick kiln built in 1868 to use the abundant marine clay of Marsh Island, was located where the Memorial Union now stands. Work at the brick

kiln, under professional supervision, was a significant part of the first 13 years of the school. The bricks which ones sees at Fernald and Coburn were made at this site. Others were used elsewhere, and sold for income to the several commercial brick yards nearby. Tiles and pipe were also made at this site and were used to drain the farm department fields. In 1868, 264,000 bricks were made; that figure rose to over half a million in 1871, of which 114,000 were sold. Labor remained as part of the curriculum until tuition was imposed in 1881.

Labor was organized in three departments - agricultural, horticultural and "special." This last department was very similar to the National Youth Administration programs of the 1930s, or work study today. Students gave three hours a day, five days a week to Labor, from 1-4 p.m. Student captains supervised and kept the books, monitoring the amount of horseplay and less-than-attentive responses. Demerits were awarded to those who failed to meet the standards expected. Students also received 10 cents an hour for their work. One document describing "Labor" ended the set of rules with the following statement which indicated the purpose of this experiment:

It is expected that both officers and students will faithfully endeavor to promote the moral as well as mental and physical well-being of all connected with the College, and cultivate a feeling of interest in and responsibility for the advancement and prosperity of the institution.

All in all, the relationship of students and faculty, through labor and participation in the work of the school, bound them together in a sense of loyalty that overcame obstacles put in their way by private colleges or those who thought the Morrill colleges a waste of taxpayers money.

Based on ledger volumes which list student activities, student grades and a number of lists of duties expected by those "at labor."



Along the Mall

Mohamed Elgaaly, prof. of civil engineering was invited by the Institute of Theoretical and Applied Mechanics of the Czechoslovak Academy of Sciences to present the paper, "Stability of Plates Under Eccentric Edge Loads," co-authored by **Raghuvir Salkar**, grad. assist., at the IUTAM Symposium on Contact Loading and Local Effects in Thin-Walled Plated and Shell Structures, Sept. 4-7. Elgaaly also chaired one of the Symposium's 10 sessions.

Joan Brooks, research assoc., civil engineering, gave an invited paper, "The Use of Peat Sewage Treatment Systems," at the Septic Systems and Groundwater Conference sponsored by the Ontario

Ministry of Environment and the University of Waterloo, Toronto, Oct. 15.

Richard Blanke, prof. of history, presented a paper, "The Gleichschaltung of the German Minority in Poland, 1933-1939," at the annual meeting of the American Association for the Advancement of Slavic Studies, Washington, D.C., Oct. 18-21.

John Collins, registrar, participated in a panel discussion on Resolving Program Issues Among Lenders, Schools and Secondary Markets at a conference on the Guaranteed Student Loan Program sponsored by the Finance Authority of Maine at the Samoset in Rockport, Oct. 16.



Positions

Advertisements for job openings to appear in Maine Perspective must be submitted to the Office of Equal Opportunity, 318 Alumni Hall, no later than noon Wednesday. Guidelines for filling professional positions, including forms for posting positions in Maine Perspective, are available by contacting the office of Equal Opportunity, x1226. A Request to Fill Form must be approved before posting in Maine Perspective (if not already approved).

Assistant/Associate Professor, Department of Political Science. Tenure track appointment. Responsibilities: Specialization in American Constitutional Law and Theory of Law; and pre-legal advising. A second field in American National Institutions would be advanta-

geous. Qualifications: A doctorate in political science, commitment to high quality teaching and demonstrated research productivity. Review of applications will begin Nov. 15. Start Date: Sept. 1. For further information and to apply, send a complete file, including three references to: Kenneth Hayes, Chairperson, Department of Political Science, University of Maine.

Assistant Professor of Philosophy, Department of Philosophy. One-year fixed-length appointment. Responsibilities: Six courses per year (three per semester), including Buddhism and/or Hinduism, Introduction to Religious Studies, Philosophy of Religion. Qualifications: Ph.D. or A.B.D. Deadline for

application: Dec. 15. Start Date: September 1991. For further information and to apply, send complete dossier to: Jeff White, Chair, Department of Philosophy, The Maples, University of Maine.

Research Assistant, Department of Botany and Plant Pathology. Three-year, full-time regular, fixed-length position. Responsibilities: To conduct experiments described in funded NSF proposal under direction of principal investigator. Qualifications: Ph.D. preferred; BSC essential as is experience and/or interest in marine ecology, phycology of physiological ecology. Salary Range: \$15,000-\$20,000. Review of applications begins Nov. 9. Start Date: Jan. 1. For further information and to apply, send resume and two-three letters of recommendation to: Ian Davison, Department of Botany and Plant Pathology, University of Maine.

Staff Nurses (Three), Cutler Health Center. Part-time regular positions. Responsibilities: Providing professional nursing care in student health service walk-in clinic and infirmary. Qualifications: License to practice in Maine required. BSN degree and two years experience in college health, school health or ambulatory care preferred. Salary Range: \$10.95/\$11.95 per hour. Review of applications begins Nov. 9. Start Date: As soon as possible. For further information and to apply, contact: Martha Eastman, R.N.C., Cutler Health Center, University of Maine.

The University of Maine does not discriminate on the basis of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability or veteran status, and promotes affirmative action for women, minorities, persons with disabilities and veterans. Unless otherwise specified, the jobs are full-time, and the address for application information is: The contact person listed, department, University of Maine, Orono, Maine 04469. The listings above are greatly abbreviated. In order to assess your background relative to the job and to submit the most effective application, contact the hiring department for more complete information.



Publications

Kenneth Gehrt, assist. prof. of marketing, and **Mary Beth Pinto**, assist. prof. of marketing: "A Situationally Defined Competitive Service-Market Structure: Identification and Implementation," 1990 AMA Summer Educator's Proceedings, Chicago, Ill.: American Marketing Association (1990).

Scott Herke, former grad. student, **Irv Kornfield**, prof., **Paul Moran**, grad. student, and **John Moring**, assoc. prof., all of zoology: "Molecular Confirmation of Hybridization Between Northern Pike (*Esox lucius*) and chain pickerel (*E. niger*)," Copeia, 1990, No. 3 (1990) pp. 846-850.

Mary Beth Pinto, assist. prof. of marketing and **Jeffrey Pinto**, assist. prof. of management: "Project Team Communication and Cross Functional Cooperation in New Program Development," Journal of Product Development, 7(3) (September 1990).

James McClymer, assist. prof. in physics and astronomy, C.A. Oxborrow, University of Delaware and P.H. Keyes, Wayne State University: "Light Scattering and Magnetic Birefringence Measurements at the Isotropic-Nematic and

Nematic-Reentrant Isotropic Transition in a Lyotropic Liquid Crystal," Phys. Rev. A, 3449 (1990).

Christina Baker, assoc. prof. of English, University College: "Gastonia Strike," Encyclopedia of the American Left, eds. Mari Jo Buhle, Paul Buhle and Dan Georgakas (New York: Garland Publishing Co., 1990) pp. 255-257.

William Baker, prof. of history: associate editor, American National Biography, Oxford University Press. His book, Jesse Owens: An American Life, has been selected the Olympic Book of the Year by the United States Olympic Academy.

Constance Hunting, assoc. prof. of English: "Natural Things," Antigonish Review, pp. 216-218.

Raymie McKerrow, prof. of speech communication: "Evaluating Research in Forensics: Considerations of the Tenure and Promotions Process," National Forensic Journal (Spring 1990).

Bob Strong, College of Business Administration: "Writing Covered Strategies to Hedge Risk," Futures (October 1990).



Sponsored Programs

American Foundation for AIDS

Research will make educational grants in support of technical assistance for program evaluation and planning, prevention education for sexually active persons, and prevention education for IV drug users and their sex partners. Pre-proposal deadline: Dec. 6

Council for International Exchange of

Scholars invites applications for Quincentenary Fellowships to conduct research in Spain in disciplines of the

humanities or social or natural sciences. Deadline for 1991/92 awards: Jan. 1

Albert Einstein Institution awards fellowships for innovative research on non-violent sanctions, focusing on the nature, strategies, and effects of nonviolent action as a technique in social, political, and economic conflict. Deadline: Jan. 1

U.S. Army Materials Technology Laboratory invites proposals for scientific

study and experimentation to increase knowledge and understanding of materials disciplines. Deadline: Jan. 9

National Institutes of Health Hitchings/Elion Fellowships promote collaboration between British and American scientists in biomedical and behavioral research. U.S. scientists who earned a doctoral degree within the last 10 years are supported for two years of research in the UK and a third in the U.S. Deadline: Jan. 10

National Science Foundation's new Database Activities initiative supports the design, development, implementation, and use of information resources in the biological, behavioral, and social sciences. Preliminary proposals are requested.

Assistance in identifying other extramural sources of support for creative activities is available to members of the faculty and professional staff upon request. For more information, call Sponsored Programs, x1476.



Career Center

Special Note: Do you know students who need information about securing a career-related summer job or internship? Here's help: the Summer Job/Internship Readiness Workshop, 3 p.m., Nov. 15, FFA Room, Union. Sign up at the Career Center, Wingate Hall.

Employer Information Sessions: The following employers are holding information sessions, open to all interested students and faculty:

Nov. 14 - Air Force Civilian Personnel Mgt. Ctr./DPCMR, 7 p.m., FFA Room, Union

Nov. 15 - Boise Cascade Corp./Paper Group, 7 p.m., FFA Room, Union

Employment Interviews: The following companies are scheduled to conduct employment interviews with graduating students at the Career Center this week:

Nov. 12 - Athletic Attic; K-Mart Apparel Corp.; James River Old Town/Towel & Tissue Div.; Albin, Randall & Bennett (CPAs)

Nov. 13 - Babcock & Wilcox Co. (Also interviewing Nov. 14); Omya, Inc./Pluess-Staufer

Nov. 14 - K-Mart Corp.

Nov. 15 - Air Force Civilian Personnel Mgt. Ctr./DPCMR

Nov. 16 - Boise Cascade Corp./Paper Group



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9 a.m. Nov. 21**